

IN THE CLAIMS:

6. (Previously Presented; Allowed) An optical film comprising an optical element capable of forming spatial distribution of light transmittance, a light shield layer and a light diffusion layer, said light shield layer being positioned between the optical element and the light diffusion layer and composed of a compound which changes light transmittance depending on irradiation of an energy beam, wherein the light transmittance passing the light shield layer is modulated spatially depending on a dose of energy beam.

7. (Currently Amended) An optical film comprising an optical element capable of forming spatial distribution of light transmittance, a light shield layer and a light diffusion layer, said light shield layer containing light transmitting regions and light shielding regions and being positioned between said optical element and said light diffusion layer, and said light diffusion layer being positioned at ~~least upper side or lower side of the light shield layer regions~~ corresponding to the light transmitting regions.

8. (Previously Presented; Allowed) An optical film comprising an optical element capable of forming spatial distribution of light transmittance, and a light shield layer positioned on an opposite side of the optical element, said light shield layer containing small balls having transmittivity.

14. (Previously Presented; Allowed) An optical film according to Claim 6, wherein the optical element is a microlens array.

15. (Previously Presented) An optical film according to Claim 7, wherein the optical element is a microlens array.

16. (Previously Presented; Allowed) An optical film according to Claim 8, wherein the optical element is a microlens array.

17. (Previously Presented; Allowed) An optical film according to Claim 6, wherein the light diffusion layer is positioned between the optical element and the light shield layer.

18. (Previously Presented; Allowed) An optical film according to Claim 6, wherein the light shield layer and the light diffusion layer are positioned with a gap of 400 μm or less.

19. (Previously Presented; Allowed) An optical film according to Claim 6, wherein the light shield layer and the light diffusion layer are positioned with a gap of 150 μm or less.

20. (Previously Presented; Allowed) An optical film according to Claim 6, wherein the light shield layer and the light diffusion layer are positioned with a gap of 50 μm or less or without a gap.

21. (Previously Presented; Allowed) An optical film according to Claim 8, wherein the small balls have a diameter of 0.1 to 6 μm and contained in the light shield layer in an amount of 1 to 30% by weight.

27. (Previously Presented; Allowed) An optical film according to Claim 6, wherein the optical film takes a shape of a film or a substrate.

28. (Previously Presented) An optical film according to Claim 7, wherein the optical film takes a shape of a film or a substrate.

29. (Previously Presented; Allowed) An optical film according to Claim 8, wherein the optical film takes a shape of a film or a substrate.